

FORM PTO-1449 U.S. Department of Commerce Patent & Trademark Office	Attorney Docket No. 147/49991	Serial No. 09/907,440
	Applicant: Johannes HEBEBRAND, et al.	
	Filing Date July 18, 2001	Group 1655

**INFORMATION DISCLOSURE STATEMENT**  
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	AA						
	AB						
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	AH						
	AI						
	AJ						

  

FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	TRANSLATION	
							Yes	No
	AK							
	AL							
	AM							
	AN							
	AO							
	AP							

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)										
RC	AQ	Claudiu T. SUPURAN, et al., "Carbonic anhydrase inhibitors and their therapeutic potential" Expert Opinion on Therapeutic Patents, 2000								
RC	AR	M. K. HELLERSTEIN, et al., "De novo lipogenesis in humans: metabolic and regulatory aspects" European Journal of Clinical Nutrition, 1999								
	AS									

  

EXAMINER	RCB/TMGR	DATE CONSIDERED	8/11/05
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<b>Form PTO-1449</b> U.S. Department of Commerce Patent & Trademark Office  <b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>		<b>Atty. Docket No.</b> 147/49991	<b>Serial No.</b> TBA
		<b>Applicants</b> Johannes HEBEBRAND, et al.	
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	AA						

  

FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub-class	Translation Yes   No
<i>RG</i>	AB	EP0138441	04/1985	Europe			Yes
<i>RG</i>	AC	WO9800130	01/1998	WO			Yes

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>RG</i>	AD	Karl M. WILBUR, "Electrometric and Colorimetric Determination of Carbonic Anhydrase" Journal of Biological Chemistry, Vol. 176, 1948
	AE	Claudia T. SUPURAN, "Carbonic anhydrase inhibitors and their therapeutic potential" Ashley Publications Ltd., pp. 1354-3776, 2004
	AF	MK HELLERSTEIN, "De novo lipogenesis in humans: metabolic and regulatory aspects" European Journal of Clinical Nutrition, 1993
	AG	Bruce E. MARYANOFF, "Structure-Activity Studies on Anticonvulsant Sugar Sulfamates Related to Topiramate. Enhanced Potency with Cyclic Sulfate Derivatives" J. Med. Chemistry, Vol. 41, pp. 1315-1343, 1998
	AH	Susanna J. DODGSON, "Topiramate as an Inhibitor of Carbonic Anhydrase Isoenzymes" Epilepsia, Vol. 41, 2000
	AI	Y. Pocker, J.T. STONE, "The Catalytic Versatility of Erythrocyte Carbonic Anhydrase. The Enzyme-Catalyzed Hydrolysis of p-Nitrophenyl Acetate" Journal of the American Chemistry Society, 87:23, 1965
<i>✓</i>	AJ	Robert W. HECK, "Catalytic Properties of Mouse Carbonic Anhydrase V*" The Journal of Biological Chemistry, Vol. 269, No. 40, 1994

  

<b>EXAMINER</b> <i>RG/TDM/EN</i>	<b>DATE CONSIDERED</b> <i>8/11/05</i>
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
176	AK	Gautam SANYAL, "Thermodynamics of Carbonic Anhydrase Catalysis" The Journal of Biological Chemistry, Vol. 256, No. 2, 1981		
	AL	James E. P. TOMAN, "Properties of Maximal Seizures, and their Alteration by Anticonvulsant Drugs and other Agents" University of Utah School of Medicine, 1946		
	AM	Y. POCKER, "The Catalytic Versatility of Erythrocyte Carbonic Anhydrase III. Kinetic Studies of the Enzyme-Catalyzed Hydrolysis of p-Nitrophenyl Actate" Biochemistry, Vol. 6, No. 3, 1967		
	AN	Claudia T. SUPURAN, "Carbonic anhydrase inhibitors-Part 53. Synthesis of substituted-pyridinium derivatives of aromatic sulfonamides: The first non-polymeric membrane-impermeable inhibitors with selectivity for isozyme IV" Eur. J. Med. Chemistry, Vol. 33, 1998		
	AO	Graham CHEN, "Evaluation of Five Methods for Testing Anticonvulsant Activities" Department of Pharmacology, Parke, Davis & Co., 1954		
	AP	Andrea SCOZZAFAVA, "Carbonic Anhydrase Inhibitors: Synthesis of Water-Soluble, Aminoacyl/Dipeptidyl Sulfonamides Possessing Long-Lasting Intraocular Pressure-Lowering Properties via the Topical Route" J. Med. Chemistry, Vol. 42, 1992		
	AQ	Raja G. KHALIFAH, "The Carbon Dioxide Hydration Activity of Carbonic Anhydrase" The Journal of Biological Chemistry, Vol. 246, No. 8, 1971		
	AR	Stacy A. HAZEN, "Differentiation-dependent expression of CA V and the role of carbonic anhydrase isozymes in pyruvate carboxylation in adipocytes" The FASEB Journal, 1995		
✓	AS	Bruce E. MARYANOFF, "Anticonvulsant O-Alkyl Sulfamates. 2,3:4,5-Bis-O-(1-methylethylidene)-B-D-fructopyranose Sulfamate and Related Compounds" American Chemistry Society, 1987		
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